

Claims

Please amend the claims as follows:

1. (Original) A vehicle identifying marker composed of oligonucleotide to which phase transfer agent is bound.
2. (Currently Amended) The vehicle identifying marker according to claim 1, characterized in that said marker is ~~added to~~ used with materials selected from the group consisting of vehicle painting dye, vehicle coating solution, lacquer and coating paint.
3. (Original) The vehicle identifying marker according to claim 1, characterized in that said oligonucleotide is composed of coding sequence and PCR primer sequence positioned at both ends of the coding sequence.
4. (Original) The vehicle identifying marker according to claim 3, characterized in that said coding sequence is composed of 10 to 50 base pairs.
5. (Original) The vehicle identifying marker according to claim 1, characterized in that said oligonucleotide is a combination of two or more kinds of oligonucleotides with different base sequences.
6. (Original) The vehicle identifying marker according to claim 5, characterized in that said oligonucleotide is a combination of three kinds of oligonucleotides with different base sequences.
7. (Original) The vehicle identifying marker according to claim 1, characterized in that said oligonucleotide is further combined with protective groups which blocks reactivity.

8. (Withdrawn) A method for marking of vehicles by using an oligonucleotide marker, which comprises: i) a step for the linkage formation between the oligonucleotide containing coding sequence region and phase transfer agent in organic solvent; ii) a step for eliminating reactivity by adding a protective group to the oligonucleotide bound to the phase transfer agent; iii) a step for adding the said oligonucleotide of which reactivity was eliminated, to vehicle painting materials; and iv) a step for applying the said vehicle painting materials to vehicles.

9. (Withdrawn) A method for identifying vehicles, which comprises: i) a step for extracting the said marker from materials collected from vehicles labeled with the marker in which the oligonucleotide containing coding sequence region bound to PHASE TRANSFER AGENT and protected by protective groups; ii) a step for removing said protective group bound to said oligonucleotide, from said extracted marker; iii) a step for analyzing the base sequence of said oligonucleotide ; and iv) a step for searching vehicles labeled with said marker having analyzed sequence from the step iii) .

10. (Withdrawn) The method according to claim 9, characterized in further comprising an amplification step of the oligonucleotide of said marker by PCR before sequence analysis step iii).

11. (Withdrawn) The method according to claim 10, characterized in further comprising a cloning step of the oligonucleotide to a vector after the amplification step of said oligonucleotide.

12. (Withdrawn) The method according to claim 9, characterized in that said oligonucleotide is a combination of two or more kinds of oligonucleotides with different base sequences.

13. (Withdrawn) The method according to claim 12, characterized in that said oligonucleotide is a combination of three kinds of oligonucleotides with different base sequences.